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Approved for use through 07/31/2006. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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FORM	

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Total Number of Pages in This Submission

Application Number	09/470,009	
Filing Date	12/22/1999	
First Named Inventor	Jeong S. Lee	RECEIVE
Art Unit	1614	FEB 2 5 2004
Examiner Name	Ann Y. Lam	. 0 200
Attorney Docket Number	ACSC 67363 (1	584P)

		ENCL	OSURES (check all that a	pply)			
Fèe Transmitt	tal Form	Drawi	ng(s)		After Allowance communication to Group		
Fee A	ttached	Licens	sing-related Papers		Appeal Communication to Board of Appeals and Interferences		
Amendment	/ Reply	Petitio	on		Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)		
After	r Final	Provis	on to Convert a sional Application		Proprietary Information		
Affid	avits/declaration(s)		r of Attorney, Revocation ge of Correspondence		Status Letter		
Extension of	Time Request	Termi	nal Disclaimer	X	Other Enclosure(s) (please identify below):		
Express Abar	ndonment Request	Request for Refund			POSTCARD		
Information D	isclosure Statement	CD, N	lumber of CD(s)				
Certified Cop Document(s)	•	Remarks		l			
Response to Incomplete A	Missing Parts/ Application	CUSTOMER	NO.: 24201				
	oonse to Missing Parts er 37 CFR 1.52 or 1.53				,		
	SIGNATUR	RE OF APPLI	CANT, ATTORNEY, OR A	GENT			
Firm or Individual name	Firm FULWIDER PATTON LEE & UTECHT, LLP Gunther O. Hanke, Reg. No. 32,989						
Signature	Signature Hu How L						
Date							
CERTIFICATE OF TRANSMISSION/MAILING							

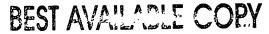
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the

Typed or printed name Gunther O. Hanke, Reg. No. 32,989

Signature Date February 5, 2004

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If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



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	FEB '	7 2004			•		
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RANSMIT

for FY 2004 Effective 10/01/2003. Patent fees are subject to annual revision. Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

PTO/SB/17 (10-03) Approved for use through 07/31/2006. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE ond to a collection of information unless it displays a valid OMB control number.

AL	Co	mplete if Known					
~L	Application Number	09/470,009	RECEIVE				
ľ	Filing Date	12/22/1999					
revision.	First Named Inventor	Jeong S. Lee	FFB 2 5 200				
R 1.27	Examiner Name	Ann Y. Lam					
	Art Unit	1641					
\$180.00	Attorney Docket No.	ACSC 67363 (1584P)					

					CALCIII ATION (E	
METHOD OF PAYMENT (check all that apply)	₩			FE	E CALCULATION (continued)	
Check Credit card Money Other None		3. ADDITIONAL FEES Large Entity Small Entity				
Deposit Account:	Fee	Fee	Fee	Fee	Fee Description	Fee Paid
Deposit Account 06-2425	Code 1051	(\$) 130	2051	(\$) 65	Surcharge - late filing fee or oath	
Number 00-2423	1052	50	2052		Surcharge - late provisional filing fee or cover	
Deposit Account FULWIDER PATTON	Į.			400	sheet	
Name	1053	130	1053		Non - English specification	
The Director is authorized to: (check all that apply)		2,520			For filing a request for ex parte reexamination Requesting publication of SIR prior to Examiner	
Charge fee(s) indicated below Credit any overpayments	1804	920*	1804		action	
Charge any additonal fee(s) or any underpayment of fee(s)	1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
Charge fee(s) indicated below, except for the filing fee	1251	110	2251	55	Extension for reply within first month	
to the above-identified deposit account.	1252	420	2252	210	Extension for reply within second month	
FEE CALCULATION	1253	950	2253	475	Extension for reply within third month	
1. BASIC FILING FEE Large Entity Small Entity	1254	1,480	2254	740	Extension for reply within fourth month	
Fee Fee Fee Fee Description	1255	2,010	2255	1,005	Extension for reply within fifth month	
Code (4)	1401	330	2401	165	Notice of Appeal	
1001 770 2001 385 Utility filing fee 1002 340 2002 170 Design filing fee	1402	330	2402	165	Filing a brief in support of an appeal	
1002 340 2002 170 Design filing fee 1003 530 2003 265 Plant filing fee	1403	290	2403	145	Request for oral hearing	
1004 770 2004 385 Reissue filing fee	1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1005 160 2005 80 Provisional filing fee	1452	110	2452	55	Petition to revive - unavoidable	
SUBTOTAL (1) (\$) \$0.00	1453	1,330	2453	665	Petition to revive - unintentional	
	1501	1,330	2501	665	Utility issue fee (or reissue)	
2. EXTRA CLAIM FEES FOR UTILITY AND Fee from	1502	480	2502	240	Design issue fee	
Extra Claims below Fee Paid	1503	640	2503	320	Plant issue fee	
Total Claims	1460	130	1460	130	Petitions to the Commissioner	
Claims Multiple Dependent	1807	50	1807	50	Processing fee under 37 CFR § 1.17(q)	
Large Entity Small Entity	1806	180	1806	180	Submission of Information Disclosure Statement	180.00
Fee Fee Fee Fee Description Code (\$) Code (\$)	8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1202 18 2202 9 Claims in excess of 20	1809	770	2809	385	Filing a submission after final rejection	
1201 86 2201 43 Independent claims in excess of 3	1810	770	2810	385	(37 CFR § 1.129(a)) For each additional invention to be examined	
1203 290 2203 145 Multiple dependent claim, if not paid	1801	770	2801	385	(37 CFR § 1.129(b)) Request for Continued Examination (RCE)	
1204 86 2204 43 ** Reissue independent claims over original patent	1802		1		Request for expedited examination	
1205 18 2205 9 ** Reissue claims in excess of 20	1002	500	1 ,002		of a design application	<u> </u>
' and over original patent	Oth	er fee	(specify	/)		
SUBTOTAL (2) (\$) \$0.00						
**or number previously paid, if greater, For Reissues, see above	*Re	duced	by Bas	ic Filing	Fee Paid SUBTOTAL (3) (\$)	\$180.00
or number previously paid, is greater, i or researce, and above					Complete (if earlieshte)	

SUBMITTED BY Registration No. (Attorney/Agent) (310) 824-5555 32,989 Telephone Gunther O. Hanke Name (Print/Type February 5, 2004 Date Signature Koru

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Gunther O. Hanke, Reg. No. 32,989

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FEB 2 5 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No.

: 09/470,009

Applicants

: Jeong S. Lee et al.: December 22, 1999

Filed Title

: NON-METAL REINFORCING MANDREL

Art Unit

1641

Examiner

: Ann Y. Lam

Docket No.:

: ACSC 67363 (1584P)

Customer No.

: 24201

AMENDMENT AND INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

This Amendment is responsive to the Office action of November 5, 2003, the response for which is due February 5, 2004. Please amend and reconsider the above-referenced application.